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ABSTRACT

This report presents analyses of trends in tuition and fees, students' ability to pay, instructional costs, state support, and other information related to tuition and fee decisions at Illinois higher education institutions. It provides tables and explanatory text on changes in median family income, inflation, student charges, and student financial aid for fiscal year (FY) 1990 through FY 1997; undergraduate tuition and fees; average total student expenses; average tuition and fees as a percent of median household income; FY 1997 total student financial aid; and changes in undergraduate tuition and instructional costs from FY 1985 through FY 1998. Eight additional tables provide trend data on average changes in tuition and fees and undergraduate student aid by type (grants, waivers, loans, and employment) and institutional category (community colleges, public universities, and private institutions). (MDM)

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STATE OF ILLINOIS
BOARD OF HIGHER EDUCATION

REVIEW OF TRENDS IN TUITION AND FEES AND STUDENT FINANCIAL AID

The Committee to Study Affordability directed the Board of Higher Education staff to annually prepare a report on college affordability presenting analyses of trends in tuition and fees, students' ability to pay, instructional costs, state support, and other information related to tuition and fee decisions. This report and *Changes in Affordability of a College Education for Dependent Students in Illinois* present the information recommended by the Committee to Study Affordability for use by college and university governing boards as they prepare to make tuition and fee decisions for fiscal year 2000 and beyond.

Table A provides a summary of changes in median family income, the Consumer Price Index, student charges, and undergraduate student aid from fiscal years 1990 to 1997. Increases in student charges exceeded increases in family income, inflation, and state general funds appropriations for higher education during this period of time.

Table A

Median Family Income, Inflation, Student Charges and Student Financial Aid
Percent Change
Fiscal Years 1990-1997

Median Family Income	27.9%	Community College Students	
		Tuition and Fees	48.1%
Consumer Price Index	25.1	Total Costs	31.4
State General Funds	20.2	Public University Students	
		Tuition and Fees	55.8
Student Financial Aid (Undergraduate - Grants)	63.1	Total Costs	84.9
		Four-Year Independent Institutions	
		Tuition and Fees	55.9
		Total Costs	74.0

Information regarding trends in tuition and fees, total student expenses, students' and families' ability to pay, and student financial aid follows. The information contained in the report includes differing time periods reflecting the availability of data. For example, fiscal year 1999 information relating to tuition and fees at independent institutions is not available, and fiscal year 1997 is the most recent year for which student financial aid information is available.

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Tuition and Fees

In its national survey of tuition released in the fall of 1997, the College Board reported that tuition and fees for all school types increased by five percent for the 1997-1998 academic year, the same proportional increases as in the last year. Annual tuition and fee increases adopted by public and private four-year institutions averaged five percent in 1997-98, while tuition rates at two-year private institutions reflected an average increase of four percent. At public two-year institutions, tuition and fees increased by an average of two percent. While national increases in tuition and fees during the past four years are moderate in comparison to increases imposed in the early 1990s, increases in tuition and fees at four-year institutions and two-year private institutions exceeded the rate of inflation as measured by the Consumer Price Index (CPI).

As growth in tuition and fee costs nationally have exceeded the rate of inflation, so have increases in average tuition and fees for Illinois colleges and universities. Table 1 presents a comparison of weighted average tuition and fees by sector with various economic indicators for fiscal years 1985, 1990, and 1994 through 1998. Growth in tuition and fees in all sectors exceeded increases in inflation, as measured by the CPI and the Higher Education Price Index (HEPI), for fiscal year 1998. Average tuition and fees increased by 5.2 percent at public universities, 6.0 percent at community colleges, and 7.3 percent at independent institutions. Since fiscal year 1990, tuition and fees at public universities, community colleges, and independent institutions increased at a rate double that of the CPI or HEPI, and exceeded increases in Illinois per capita disposable income as well.

Table 1 also shows increases in state general funds appropriations for higher education. Between fiscal years 1985 and 1998, state general funds support for higher education increased by a rate greater than either the CPI or HEPI. Between fiscal years 1994 and 1998, state general funds support for higher education increased by 26.0 percent, while the CPI increased by almost 12 percent and average tuition and fees increased by 21.8 percent at public universities, 20.9 percent at community colleges, and 24.8 percent at independent institutions. However, from fiscal year 1990 through 1998, state general funds support grew by 27.5 percent – two-thirds the increase in per capita disposable income.

Table B provides a comparison of the weighted average annual undergraduate tuition and fees for Illinois institutions with the national average. The national averages shown on Table B are based on tuition and fee information submitted to the College Board by institutions from across the country. Fiscal year 1998 average tuition and fees at Illinois public universities exceed the national average by 22.7 percent.

Table B

Fiscal Year 1998 Undergraduate Tuition and Fees

	Public Institutions		Private Institutions	
	2-Year	4-Year	2-Year	4-Year
Illinois Institutions	$1,452	$3,817	$7,782	$13,975
National Average	1,501	3,111	6,855	13,664
Dollar Difference	(49)	706	927	311
Percent Difference	(3.3)%	22.7%	13.5%	2.3%

Source: Illinois Student Assistance Commission,
The College Board Annual Survey of Colleges, 1997

Total Student Expenses

Tuition and fees represent only a portion of the total costs of attending a college or university. Other costs include room and board, transportation, books and supplies, and incidentals. Table C shows average total student expenses for fiscal years 1990 and 1997. The average total student expenses reported on this table reflect average weighted undergraduate tuition and fees for Illinois institutions plus the weighted room and board, transportation, and book and supply costs reported by the College Board for the Midwest region of the United States.

Table C

Average Total Student Expenses

	Fiscal Year 1990	Fiscal Year 1997
Community Colleges	$3,583	$4,707
Public Universities	5,810	8,488
Two-Year Independent Institutions	8,704	12,110
Four-Year Independent Institutions	12,447	18,647

Source: College Board, Illinois Student Assistance Commission

In fiscal year 1997 tuition and fees represented 29.1 percent of the total expenses for students attending community colleges and 42.8 percent of total costs for students attending public universities. For students attending independent institutions, tuition and fees represented 60.4 percent at two-year institutions and 69.9 percent at four-year institutions.

Ability to Pay

Table D compares Illinois median household income with weighted average tuition and fees by sector. Information on Illinois median family income is from the United States Bureau

of the Census. Median household income grew by 21.6 percent between fiscal years 1990 and 1996, from $31,921 to $38,813. Income is projected to increase by 5.2 percent between fiscal years 1996 and 1997, based on a three-year annual average. In contrast, weighted average tuition and fees grew by 48.1 percent at community colleges, 55.8 percent at public universities, 53.8 percent at independent institutions.

Table D

Average Tuition and Fees as Percent of Median Household Income

	Fiscal Year 1990	Fiscal Year 1997
Community Colleges	2.9%	3.4%
Public Universities	7.3	8.9
Independent Institutions	26.2	31.5

Source: United States Bureau of the Census

Public university tuition and fees represented 8.9 percent of median family income in fiscal year 1997, compared to 7.3 percent in fiscal year 1990. The average tuition and fees for students attending independent institutions represented 31.5 percent of median household income in fiscal year 1997, compared to 26.2 percent in fiscal year 1990.

Student Financial Aid

In its annual report, *Trends in Student Aid: 1988 to 1997*, the College Board reported that student financial aid exceeded $55 billion in fiscal year 1997, up five percent over fiscal year 1996. Illinois colleges and universities reported in the *Student Financial Aid Survey* that $2.6 billion were made available to assist Illinois students with college costs in fiscal year 1997. The assistance was provided through grants (including waivers), loans, and employment. Table E shows the distribution of financial aid to students for fiscal year 1997, comparing the distribution of aid in Illinois to the nation. The information shown on Table E includes aid provided to undergraduate and graduate students.

Table E

Fiscal Year 1997 Total Student Aid Percent by Type

	Illinois	Nation
Grants	45.9%	39.7%
Loans	44.6	58.9
Employment	9.5	1.4

Source: The College Board, *Trends in Student Financial Aid*
Illinois Student Financial Aid Survey.

Table F shows the total amount of fiscal year 1997 student financial aid by type of aid granted. Grants represent a larger proportion of total aid made to students attending Illinois institutions than for the nation, reflecting a continued commitment of the state to support student financial aid grant programs, especially those based on student financial need. The largest of these, the Monetary Award Program, is the second largest of its kind in the nation.

Table E

Student Financial Aid: Fiscal Year 1997

(in thousands of dollars)

	Undergraduate	Graduate	Total
Grants	$ 842,280.7	$ 156,727.0	$ 999,007.7
Tuition Waivers	111,861.1	101,741.9	213,603.0
Loans	678,191.0	501,959.3	1,180,150.3
Employment	101,890.7	148,590.9	250,481.6
Total	$1,734,223.5	$ 909,019.1	$2,643,242.6

Source: Student Financial Aid Survey

Grants and waivers for undergraduate and graduate students totaled $1,212.6 million and represented 45.9 percent of all aid made available to Illinois students in fiscal year 1997. Grants provide nonrepayable assistance for students, and include funds distributed through the federal Pell Grant program and through various state programs such as the Monetary Award, Illinois Incentive for Access, and Veteran Grant programs. Some grants, such as Pell, Illinois Incentive for Access, and the Monetary Award Program, are awarded based on a student's demonstrated financial need. Other grants, such as Veteran Grants, Merit Recognition Scholarships, and tuition waivers are awarded based on criteria other than financial need. Waivers of tuition and/or fees are made available to undergraduate and graduate students through a variety of statutory and institutional programs, including graduate assistantships.

Loans represent the second largest source of funds used to assist undergraduate and graduate students and their families in paying for a college education. The loan assistance shown in Table E totaling $1,180.2 million includes only those funds borrowed under federal direct and guaranteed loan programs and institutional programs; it does not include any private loans acquired by students or their families. Employment includes only those resources earned from campus-based jobs, and does not include any funds from other part-time or full-time employment.

Undergraduate Students

Over $1,734.2 million in student financial aid were distributed to 360,774 students enrolled in Illinois undergraduate programs at public and independent colleges and universities in fiscal year 1997. Grants accounted for the largest proportion of total undergraduate student aid awarded at community colleges and independent institutions, while student loans accounted for the largest proportion of aid received by undergraduate students at public universities,

totaling $269.4 million, or 45.8 percent of all undergraduate aid at public universities. Of the $842.3 million in grants and scholarships distributed, the federal Pell Grant program and the state's Monetary Award Program provided nearly 54 percent of the total.

Tables 2 through 5 show the distribution of financial aid for undergraduate students by type of assistance for fiscal years 1985 and 1990 through 1997. (The information reported on these tables and the other student aid trend tables included with this item reflect data for all public universities and community colleges and those independent institutions completing a *Student Financial Aid Survey* in each of the years reported.) Undergraduate student aid more than doubled from fiscal year 1985 to fiscal year 1997, with changes in grant aid accounting for half of this increase.

Student assistance in the form of loans increased by 160.8 percent between fiscal years 1990 and 1997, and increasingly have represented a larger proportion of total aid since fiscal year 1990. The federal Higher Education Reauthorization Act of 1986 made major changes in federal programs, including the requirement that all persons participating in subsidized federal loan programs demonstrate financial need. These program changes dramatically reduced the amount of loan assistance made available through federal-guaranteed loan programs after fiscal year 1985, which account for the reduced reliance on loans between fiscal years 1985 and 1990. However, between fiscal year 1990 and 1997, student assistance provided through loan programs increased steadily as a proportion of total undergraduate assistance. Loan assistance in fiscal year 1997 represents a larger proportion of total aid than in fiscal year 1985. Student loans provided 45.8 percent of financial aid for undergraduates attending public universities in fiscal year 1997.

Graduate Students

A total of $909.0 million was distributed to 66,093 students enrolled in graduate programs at Illinois public and independent colleges and universities in fiscal year 1997. Although graduate students comprised less than 16 percent of the total number of students receiving financial aid in fiscal year 1997, graduate student aid accounted for over 52 percent of all aid distributed. Student loans accounted for the single largest source of aid to graduate students, representing 55.5 percent of all graduate aid awarded.

Tables 6 through 8 show the distribution of aid to graduate students for fiscal years 1985 and 1990 through 1997. Grant aid for graduate students has decreased as a proportion of all aid awarded from a high of 22.2 percent in fiscal year 1992 to 17.7 percent in fiscal year 1997. Graduate students have become more reliant on loans as a source of aid. Loans represented 52.7 percent of all graduate student financial aid.

Instructional Costs and State Support

As tuition has increased over time, the proportion of the public universities instructional costs that is paid by the tuition has increased as well. As shown in Table F, average undergraduate public university tuition represented 31.3 percent of undergraduate instructional costs in fiscal year 1985, compared to an estimated 46.3 percent in fiscal year 1997. This proportion is expected to increase to 47.2 percent in fiscal year 1998. Average undergraduate instructional costs at public universities increased by 62.8 percent between fiscal years 1985 and 1997, while the average tuition rate increased by 140.6 percent. During the same time period,

the CPI increased 50.3 percent and the HEPI increased 61.1 percent. Instructional costs are estimated to increase by 2.2 percent between fiscal years 1997 and 1998.

Table F

Undergraduate Tuition and Instructional Costs: Public Universities

	FY1985	FY1997	FY1998	Change FY1985-1998
Average Undergraduate Instructional Cost	$3,538	$5,760	$5,887	66.4%
Average Annual Tuition	1,109	2,668	2,776	150.3%
Tuition as Percent of Cost	31.3%	46.3%	47.2%	

Source: Board of Higher Education records and Discipline Cost Study

Public Interest in Affordability Issues

A recent report of the National Commission on the Cost of Higher Education, *Straight Talk About College Costs and Prices,* highlights public concerns about college affordability and includes recommendations to help keep a college education affordable. Many of the recommendations issued by the National Commission are parallel to the policies of the Board of Higher Education. During the spring 1998 legislative session, substantive legislation pertaining to affordability were predominant among the higher education bills that were introduced. Legislation was introduced to encourage institutions to enter into contracts with students to guarantee completion of a graduate degree in four years, limit tuition, and extend Monetary Award Program eligibility to summer school. These bills in conjunction with new federal programs that were recently initiated (e.g. the Hope Scholarship) are indicative of the public's continued concern regarding their ability to finance the costs of a higher education.

Table 1

COMPARISON OF WEIGHTED AVERAGE TUITION AND FEES WITH ECONOMIC INDICATORS

	Average Weighted Tuition and Fees (Resident Undergraduates)						Economic Indicators Percent Change			
	Public Universities		Community Colleges		Independent Institutions					
Fiscal Year	Tuition & Fees	Percent Change	Tuition & Fees	Percent Change	Tuition & Fees	Percent Change	Higher Education Price Index	Consumer Price Index	Illinois Per Capita Disposable Income	General Funds Appropriations for Higher Education
1985	$ 1,503	-	$ 732	-	$ 5,748	-	-	-	-	-
1990	2,330	55.0 %	925	26.4 %	8,362	45.5 %	27.1 %	20.1 %	32.1 %	45.0 %
1994	3,134	34.5	1,201	29.8	11,054	32.2	16.0	15.0	18.3	1.2
1995	3,303	5.4	1,259	4.8	11,467	3.7	3.0	3.0	5.4	6.3
1996	3,434	4.0	1,323	5.1	12,145	5.9	3.0	2.7	4.0	5.3
1997	3,629	5.7	1,370	3.6	12,859	5.9	3.0	2.9	4.5 *	6.1
1998	3,817	5.2	1,452	6.0	13,797	7.3	3.0 *	2.8 *	4.5 *	6.0
Percent Change										
FY 1985 - 98		154.0 %		98.4 %		140.0 %	66.0 %	54.5 %	87.0 %	84.9 %
FY 1990 - 97		55.8 %		48.1 %		53.8 %	26.8 %	25.1 %	35.4 %	20.3 %
FY 1990 - 98		63.8 %		57.0 %		65.0 %	30.6 %	28.6 %	41.5 %	27.5 %
FY 1994 - 98		21.8 %		20.9 %		24.8 %	12.6 %	11.8 %	19.6 %	26.0 %
FY 1997 - 98		5.2 %		6.0 %		7.3 %	3.0 %	2.8 %	4.5 %	6.0 %

* Estimates

Sources: Illinois Student Assistance Commission (ISAC) Data Books and staff estimates, Research Associates of Washington, Data Resources, Incorporated

Table 2

UNDERGRADUATE STUDENT AID BY TYPE
FISCAL YEARS 1985 - 1997
ALL INSTITUTIONS

(dollars in thousands)

	Grants	Waivers	Loans	Employment	Total
Fiscal Year 1985	$ 309,120.6	$ 28,944.6	$ 224,682.2	$ 61,881.6	$ 624,629.0
Percent of Total	49.5%	4.6%	36.0%	9.9%	100.0%
Fiscal Year 1990	471,175.3	54,904.2	215,879.5	73,421.4	815,380.4
Percent of Total	57.8%	6.7%	26.5%	9.0%	100.0%
Fiscal Year 1991	515,999.1	56,969.8	233,573.4	79,206.9	885,749.2
Percent of Total	58.3%	6.4%	26.4%	8.9%	100.0%
Fiscal Year 1992	572,694.8	65,097.0	272,974.6	84,511.6	995,278.0
Percent of Total	57.5%	6.5%	27.4%	8.5%	100.0%
Fiscal Year 1993	626,686.7	81,746.0	300,343.9	84,834.1	1,093,610.7
Percent of Total	57.3%	7.5%	27.5%	7.8%	100.0%
Fiscal Year 1994	637,894.1	87,913.7	413,569.4	78,856.1	1,218,233.3
Percent of Total	52.4%	7.2%	33.9%	6.5%	100.0%
Fiscal Year 1995	688,414.1	93,767.4	456,295.3	80,806.8	1,319,283.6
Percent of Total	52.2%	7.1%	34.6%	6.1%	100.0%
Fiscal Year 1996	724,537.1	100,794.7	521,342.3	81,695.5	1,428,369.6
Percent of Total	50.7%	7.1%	36.5%	5.7%	100.0%
Fiscal Year 1997	768,549.0	108,701.4	563,120.5	93,047.1	1,533,418.0
Percent of Total	50.1%	7.1%	36.7%	6.1%	100.0%
Change FY1985-FY1997					
Dollar	$ 459,428.4	$ 79,756.8	$ 338,438.3	$ 31,165.5	$ 908,789.0
Percent	148.6%	275.5%	150.6%	50.4%	145.5%
Change FY1990-FY1997					
Dollar	$ 297,373.7	$ 53,797.2	$ 347,241.0	$ 19,625.7	$ 718,037.6
Percent	63.1%	98.0%	160.8%	26.7%	88.1%
Change FY1996-FY1997					
Dollar	$ 44,011.9	$ 7,906.7	$ 41,778.2	$ 11,351.6	$ 105,048.4
Percent	6.1%	7.8%	8.0%	13.9%	7.4%

Note: Percentages may not add to 100 due to rounding.

Source: Student Financial Aid Survey

Table 3

UNDERGRADUATE STUDENT AID BY TYPE
FISCAL YEARS 1985 - 1997
PUBLIC UNIVERSITIES

(dollars in thousands)

	Grants	Waivers	Loans	Employment	Total
Fiscal Year 1985	$ 98,439.6	$ 8,948.5	$ 99,086.1	$ 30,883.2	$ 237,357.4
Percent of Total	41.5%	3.8%	41.7%	13.0%	100.0%
Fiscal Year 1990	156,010.4	14,807.6	89,668.5	37,243.0	297,729.5
Percent of Total	52.4%	5.0%	30.1%	12.5%	100.0%
Fiscal Year 1991	171,554.5	15,678.1	102,173.1	42,651.3	332,057.0
Percent of Total	51.7%	4.7%	30.8%	12.8%	100.0%
Fiscal Year 1992	189,413.7	16,957.2	119,862.1	43,696.0	369,929.0
Percent of Total	51.2%	4.6%	32.4%	11.8%	100.0%
Fiscal Year 1993	212,339.6	20,132.6	133,915.3	43,992.1	410,379.6
Percent of Total	51.7%	4.9%	32.6%	10.7%	100.0%
Fiscal Year 1994	212,023.2	19,268.0	194,610.0	43,887.1	469,788.3
Percent of Total	45.1%	4.1%	41.4%	9.3%	100.0%
Fiscal Year 1995	221,400.7	20,410.4	218,199.8	46,011.9	506,022.8
Percent of Total	43.8%	4.0%	43.1%	9.1%	100.0%
Fiscal Year 1996	231,476.8	20,258.8	250,598.3	44,640.0	546,973.9
Percent of Total	42.3%	3.7%	45.8%	8.2%	100.0%
Fiscal Year 1997	244,155.8	21,782.2	269,392.6	52,753.5	588,084.1
Percent of Total	41.5%	3.7%	45.8%	9.0%	100.0%
Change FY1985-FY1997					
Dollar	$ 145,716.2	$ 12,833.7	$ 170,306.5	$ 21,870.3	$ 350,726.7
Percent	148.0%	143.4%	171.9%	70.8%	147.8%
Change FY1990-FY1997					
Dollar	$ 88,145.4	$ 6,974.6	$ 179,724.1	$ 15,510.5	$ 290,354.6
Percent	56.5%	47.1%	200.4%	41.6%	97.5%
Change FY1996-FY1997					
Dollar	$ 12,679.0	$ 1,523.4	$ 18,794.3	$ 8,113.5	$ 41,110.2
Percent	5.5%	7.5%	7.5%	18.2%	7.5%

Note: Percentages may not add to 100 due to rounding.

Source: Student Financial Aid Survey

Table 4

UNDERGRADUATE STUDENT AID BY TYPE
FISCAL YEARS 1985 - 1996
COMMUNITY COLLEGES

(dollars in thousands)

	Grants	Waivers	Loans	Employment	Total
Fiscal Year 1985	$ 61,499.9	$ 3,435.8	$ 40,571.7	$ 10,252.2	$ 115,759.6
Percent of Total	53.1%	3.0%	35.0%	8.9%	100.0%
Fiscal Year 1990	88,715.7	7,375.6	24,921.2	11,476.3	132,488.8
Percent of Total	67.0%	5.6%	18.8%	8.7%	100.0%
Fiscal Year 1991	98,525.0	8,653.4	22,999.6	13,024.8	143,202.8
Percent of Total	68.8%	6.0%	16.1%	9.1%	100.0%
Fiscal Year 1992	115,971.3	9,684.9	26,610.5	13,602.1	165,868.8
Percent of Total	69.9%	5.8%	16.0%	8.2%	100.0%
Fiscal Year 1993	124,797.2	10,026.6	28,251.5	13,471.5	176,546.8
Percent of Total	70.7%	5.7%	16.0%	7.6%	100.0%
Fiscal Year 1994	128,093.6	12,833.6	29,445.7	13,324.6	183,697.5
Percent of Total	69.7%	7.0%	16.0%	7.3%	100.0%
Fiscal Year 1995	132,663.1	15,152.6	28,280.3	12,087.7	188,183.7
Percent of Total	70.5%	8.1%	15.0%	6.4%	100.0%
Fiscal Year 1996	131,776.7	15,325.3	29,739.2	13,084.2	189,925.4
Percent of Total	69.4%	8.1%	15.7%	6.9%	100.0%
Fiscal Year 1997	135,341.0	16,097.0	29,026.2	13,154.5	193,618.7
Percent of Total	69.9%	8.3%	15.0%	6.8%	100.0%
Change FY1985-FY1997					
Dollar	$ 73,841.1	$ 12,661.2	$ (11,545.5)	$ 2,902.3	$ 77,859.1
Percent	120.1%	368.5%	-28.5%	28.3%	67.3%
Change FY1990-FY1997					
Dollar	$ 46,625.3	$ 8,721.4	$ 4,105.0	$ 1,678.2	$ 61,129.9
Percent	52.6%	118.2%	16.5%	14.6%	46.1%
Change FY1996-FY1997					
Dollar	$ 3,564.3	$ 771.7	$ (713.0)	$ 70.3	$ 3,693.3
Percent	2.7%	5.0%	-2.4%	0.5%	1.9%

Note: Percentages may not add to 100 due to rounding.

Source: Student Financial Aid Survey

Table 5

UNDERGRADUATE STUDENT AID BY TYPE
FISCAL YEARS 1985 - 1997
PRIVATE INSTITUTIONS

(dollars in thousands)

	Grants	Waivers	Loans	Employment	Total
Fiscal Year 1985	$ 149,181.1	$ 16,560.3	$ 85,024.4	$ 20,746.2	$ 271,512.0
Percent of Total	54.9%	6.1%	31.3%	7.6%	100.0%
Fiscal Year 1990	226,449.2	32,721.0	101,289.8	24,702.1	385,162.1
Percent of Total	58.8%	8.5%	26.3%	6.4%	100.0%
Fiscal Year 1991	245,919.6	32,638.3	108,400.7	23,530.8	410,489.4
Percent of Total	59.9%	8.0%	26.4%	5.7%	100.0%
Fiscal Year 1992	267,309.8	38,454.9	126,502.0	27,213.5	459,480.2
Percent of Total	58.2%	8.4%	27.5%	5.9%	100.0%
Fiscal Year 1993	289,549.9	51,586.8	138,177.1	27,370.5	506,684.3
Percent of Total	57.1%	10.2%	27.3%	5.4%	100.0%
Fiscal Year 1994	297,777.3	55,812.1	189,513.7	21,644.4	564,747.5
Percent of Total	52.7%	9.9%	33.6%	3.8%	100.0%
Fiscal Year 1995	334,350.3	58,204.4	209,815.2	22,707.2	625,077.1
Percent of Total	53.5%	9.3%	33.6%	3.6%	100.0%
Fiscal Year 1996	361,283.6	65,210.6	241,004.8	23,971.3	691,470.3
Percent of Total	52.2%	9.4%	34.9%	3.5%	100.0%
Fiscal Year 1997	389,052.2	70,822.2	264,701.7	27,139.1	751,715.2
Percent of Total	51.8%	9.4%	35.2%	3.6%	100.0%
Change FY1985-FY1997					
Dollar	$ 239,871.1	$ 54,261.9	$ 179,677.3	$ 6,392.9	$ 480,203.2
Percent	160.8%	327.7%	211.3%	30.8%	176.9%
Change FY1990-FY1997					
Dollar	$ 162,603.0	$ 38,101.2	$ 163,411.9	$ 2,437.0	$ 366,553.1
Percent	71.8%	116.4%	161.3%	9.9%	95.2%
Change FY1996-FY1997					
Dollar	$ 27,768.6	$ 5,611.6	$ 23,696.9	$ 3,167.8	$ 60,244.9
Percent	7.7%	8.6%	9.8%	13.2%	8.7%

Note: Includes only those institutions reporting in the Student Financial Survey in each of the years listed.
Percentages may not add to 100 due to rounding.

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Source: Student Financial Aid Survey

Table 6

GRADUATE STUDENT AID BY TYPE
FISCAL YEARS 1985 - 1997
ALL INSTITUTIONS

(dollars in thousands)

	Grants	Waivers	Loans	Employment	Total
Fiscal Year 1985	$ 46,095.9	$ 34,613.9	$ 115,232.4	$ 71,310.8	$ 267,253.0
Percent of Total	17.2%	13.0%	43.1%	26.7%	100.0%
Fiscal Year 1990	81,426.9	54,464.0	185,335.6	129,164.2	450,390.7
Percent of Total	18.1%	12.1%	41.1%	28.7%	100.0%
Fiscal Year 1991	99,508.6	49,858.0	208,216.7	130,184.0	487,767.3
Percent of Total	20.4%	10.2%	42.7%	26.7%	100.0%
Fiscal Year 1992	121,526.6	54,668.5	232,951.4	138,460.4	547,606.9
Percent of Total	22.2%	10.0%	42.5%	25.3%	100.0%
Fiscal Year 1993	124,184.4	60,812.0	247,813.8	143,410.0	576,220.2
Percent of Total	21.6%	10.6%	43.0%	24.9%	100.0%
Fiscal Year 1994	114,369.2	64,659.7	331,537.2	142,949.2	653,515.3
Percent of Total	17.5%	9.9%	50.7%	21.9%	100.0%
Fiscal Year 1995	119,373.4	69,876.9	364,485.0	149,356.4	703,091.7
Percent of Total	17.0%	9.9%	51.8%	21.2%	100.0%
Fiscal Year 1996	144,661.6	68,360.4	385,444.7	138,462.1	736,928.8
Percent of Total	19.6%	9.3%	52.3%	18.8%	100.0%
Fiscal Year 1997	145,105.3	99,488.6	431,561.3	143,198.9	819,354.1
Percent of Total	17.7%	12.1%	52.7%	17.5%	100.0%
Change FY1985-FY1997					
Dollar	$ 99,009.4	$ 64,874.7	$ 316,328.9	$ 71,888.1	$ 552,101.1
Percent	214.8%	187.4%	274.5%	100.8%	206.6%
Change FY1990-FY1997					
Dollar	$ 63,678.4	$ 45,024.6	$ 246,225.7	$ 14,034.7	$ 368,963.4
Percent	78.2%	82.7%	132.9%	10.9%	81.9%
Change FY1996-FY1997					
Dollar	$ 443.7	$ 31,128.2	$ 46,116.6	$ 4,736.8	$ 82,425.3
Percent	0.3%	45.5%	12.0%	3.4%	11.2%

Note: Percentages may not add to 100 due to rounding.

Source: Student Financial Aid Survey

Table 7

GRADUATE STUDENT AID BY TYPE
FISCAL YEARS 1985 - 1997
PUBLIC UNIVERSITIES

(dollars in thousands)

	Grants	Waivers	Loans	Employment	Total
Fiscal Year 1985	$ 10,142.2	$ 27,349.0	$ 36,094.1	$ 45,956.0	$ 119,541.3
Percent of Total	8.5%	22.9%	30.2%	38.4%	100.0%
Fiscal Year 1990	12,780.1	42,841.6	43,077.0	78,065.2	176,763.9
Percent of Total	7.2%	24.2%	24.4%	44.2%	100.0%
Fiscal Year 1991	16,547.1	45,585.3	48,010.0	79,739.1	189,881.5
Percent of Total	8.7%	24.0%	25.3%	42.0%	100.0%
Fiscal Year 1992	16,149.8	49,695.8	57,532.3	86,225.7	209,603.6
Percent of Total	7.7%	23.7%	27.4%	41.1%	100.0%
Fiscal Year 1993	19,778.3	55,140.1	64,257.5	85,894.4	225,070.3
Percent of Total	8.8%	24.5%	28.5%	38.2%	100.0%
Fiscal Year 1994	20,855.3	59,522.8	84,056.9	97,238.4	261,673.4
Percent of Total	8.0%	22.7%	32.1%	37.2%	100.0%
Fiscal Year 1995	22,395.0	64,666.0	98,304.3	101,713.4	287,078.7
Percent of Total	7.8%	22.5%	34.2%	35.4%	100.0%
Fiscal Year 1996	22,864.9	62,331.1	107,866.4	99,902.9	292,965.3
Percent of Total	7.8%	21.3%	36.8%	34.1%	100.0%
Fiscal Year 1997	22,784.7	90,793.9	115,483.5	98,989.9	328,052.0
Percent of Total	6.9%	27.7%	35.2%	30.2%	100.0%
Change FY1985-FY1997					
Dollar	$ 12,642.5	$ 63,444.9	$ 79,389.4	$ 53,033.9	$ 208,510.7
Percent	124.7%	232.0%	220.0%	115.4%	174.4%
Change FY1990-FY1997					
Dollar	$ 10,004.6	$ 47,952.3	$ 72,406.5	$ 20,924.7	$ 151,288.1
Percent	78.3%	111.9%	168.1%	26.8%	85.6%
Change FY1996-FY1997					
Dollar	$ (80.2)	$ 28,462.8	$ 7,617.1	$ (913.0)	$ 35,086.7
Percent	-0.4%	45.7%	7.1%	-0.9%	12.0%

Note: Percentages may not add to 100 due to rounding.

Source: Student Financial Aid Survey

Table 8

GRADUATE STUDENT AID BY TYPE
FISCAL YEARS 1985 - 1997
PRIVATE INSTITUTIONS

(dollars in thousands)

	Grants	Waivers	Loans	Employment	Total
Fiscal Year 1985	$ 35,953.7	$ 7,264.9	$ 79,138.3	$ 25,354.8	$ 147,711.7
Percent of Total	24.3%	4.9%	53.6%	17.2%	100.0%
Fiscal Year 1990	68,646.8	11,622.4	142,258.6	51,099.0	273,626.8
Percent of Total	25.1%	4.2%	52.0%	18.7%	100.0%
Fiscal Year 1991	82,961.5	4,272.7	160,206.7	50,444.9	297,885.8
Percent of Total	27.9%	1.4%	53.8%	16.9%	100.0%
Fiscal Year 1992	105,376.8	4,972.7	175,419.1	52,234.7	338,003.3
Percent of Total	31.2%	1.5%	51.9%	15.5%	100.0%
Fiscal Year 1993	104,406.1	5,671.9	183,556.3	57,515.6	351,149.9
Percent of Total	29.7%	1.6%	52.3%	16.4%	100.0%
Fiscal Year 1994	93,513.9	5,136.9	247,480.3	45,710.8	391,841.9
Percent of Total	23.9%	1.3%	63.2%	11.7%	100.0%
Fiscal Year 1995	96,978.4	5,210.9	266,180.7	47,643.0	416,013.0
Percent of Total	23.3%	1.3%	64.0%	11.5%	100.0%
Fiscal Year 1996	121,796.7	6,029.3	277,578.3	38,559.2	443,963.5
Percent of Total	27.4%	1.4%	62.5%	8.7%	100.0%
Fiscal Year 1997	122,320.6	8,694.7	316,077.8	44,209.0	491,302.1
Percent of Total	24.9%	1.8%	64.3%	9.0%	100.0%
Change FY1985-FY1997					
Dollar	$ 86,366.9	$ 1,429.8	$ 236,939.5	$ 18,854.2	$ 343,590.4
Percent	240.2%	19.7%	299.4%	74.4%	232.6%
Change FY1990-FY1997					
Dollar	$ 53,673.8	$ (2,927.7)	$ 173,819.2	$ (6,890.0)	$ 217,675.3
Percent	78.2%	-25.2%	122.2%	-13.5%	79.6%
Change FY1996-FY1997					
Dollar	$ 523.9	$ 2,665.4	$ 38,499.5	$ 5,649.8	$ 47,338.6
Percent	0.4%	44.2%	13.9%	14.7%	10.7%

Note: Includes only those institutions reporting in the Student Financial Survey in each of the years listed.
Percentages may not add to 100 due to rounding.

Source: Student Financial Aid Survey